

### **Amendment to Abstract**

Please delete the Abstract on Page 25 and substitute the following Abstract:

#### **ABSTRACT**

A method for an electroplating cell which includes providing an anode chamber with at least two concentric anodes including an inner anode and an outer anode; generating a computer generated model with a simulation computer program; and selecting at least one current ratio from the computer generated model, with the computer generated model having a plurality of current ratios from which the at least one current ratio is selected and the one current ratio being a ratio of an inner electrical current to an outer electrical current. The method further includes applying the inner electrical current to the inner anode and the outer electrical current to the outer anode and adjusting the inner and outer electrical currents to incorporate the one current ratio. The generating of the computer generated model with the simulation computer program includes using a first iterative loop to determine a potential field in the anode chamber.